transactions of the ASME

SOCIETY RECORDS • ASME ANNUAL AM-5 • JANUARY 1968

indexes to 1967 publications

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INDEX TO MECHANICAL ENGINEERING

INDEX TO TRANSACTIONS OF THE ASME

PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

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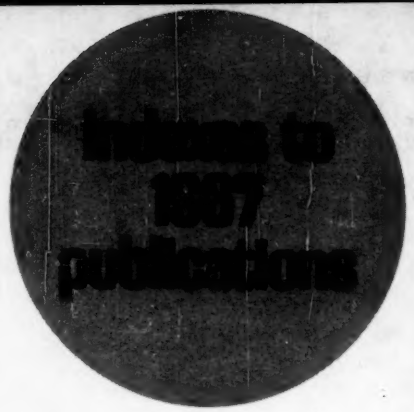

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Indexes to ASME Papers and Publications

THIS and the following pages will serve as a guide to the current publications of the ASME.

Regular Society Publications, 1967

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ASME Transactions, quarterlies (see combined index on page SR-67):
Series A, *Journal of Engineering for Power*
Series B, *Journal of Engineering of Industry*
Series C, *Journal of Heat Transfer*
Series D, *Journal of Basic Engineering*
Series E, *Journal of Applied Mechanics*
Series F, *Journal of Lubrication Technology*
ASME Mechanical Engineers' Catalog and Product Directory, 1968 edition
Applied Mechanics Reviews, monthly

Publications Issued in 1967

BOOKS AND REPORTS
A Product Design Through an Engineering Analysis of its End Use
Analysis of Data from Symposium on Heat Treated Steels
Advances in Energy Conversion Engineering
Advances in Fluidics
1967 ASME Steam Tables
Bearing and Seal Design in Nuclear Power Machinery
Biomechanics & Human Factors Symposium
Biomechanics Monograph
1967 Cavitation Forum
Design for High Impact Technology
Discussions of 1967 Cavitation Forum
Fluid Solid Interaction
Friction and Wear in Machinery
Graphite Fiber Composites
Managing Engineering Manpower
Marks Mechanical Engineers' Handbook
Transport Phenomena in Atmospheric and Ecological Systems

ASME STANDARDS
Discussion of ASME Standard APS 1—1966

USA STANDARDS
Beveled Washers
Cast Bronze Fittings for Flared Copper Tubes
Cast Iron Pipe Flanges and Flanged Fittings, 25, 125, 250 and 800 lb.
Inserted Blade Milling Cutter Bodies
Letter Symbols for Illuminating Engineering
Overhead and Gantry Cranes
Power Piping
Specifications for Cargo Containers
Supplement to Practice for Inspection of Elevators
Supplement to Safety Code for Elevators, Dumbwaiters and Moving Walks
Taps and Cut Ground Threads
Twist Drills

How to Find Papers Presented at 1967 ASME Meetings

THE technical programs of the meetings of the Society and of its Professional Divisions have been published in *Mechanical Engineering* and may be located by consulting the index on pages SR-17 to SR-66. Many of these papers will be published in *Mechanical Engineering* or the *Transactions* and may be located by reference to the indexes of these publications.

Currently Available ASME Publications

ASME members may purchase most of the publications listed below at a 20 percent discount. Handling and mailing charges are added to price when payment does not accompany order.

USA STANDARDS

Safety Codes

A17.1—1965. Elevators, Dumbwaiters, Escalators and Moving Walks. $7.00
A17.1a—1967 Supplement to Safety Code for Elevators, Dumbwaiters and Moving Walks. $1.00
A17.2—1960. Practice for Inspection of Elevators. $4.50 (1965 Addendum 50¢)
A17.2b—1967. Supplement to Practice for Inspection of Elevators. $1.00
A90.1—1949 (Reaffirmed 1956). Manlifts. $1.50
A113.1—1964. Mechanized Parking Garage Equipment. $3.75
B15.1—1953 (Reaffirmed 1958). Mechanical Power Transmission Apparatus. $3.00
B20.1—1957. Conveyors, Cableways and Related Equipment. $2.50
B30.1—1943 (Reaffirmed 1952). Jacks. $1.50
B30.2.0—1967 Overhead and Gantry Cranes. $2.50
B56.1—1959. Powered Industrial Trucks. $2.00
B77.1—1960. Aerial Passenger Tramways. $2.80 (1965 Addenda 50¢)

Safety Codes—Nuclear

N6.1—1964. Safety Standard for Operational with Fissionable Materials Outside Reactors. $1.50
N6.2—1965. Safety Standard for Design Fabrication and Maintenance for Nuclear Power Reactors. $1.50

Piping

A13.1—1956. Scheme for Identification of Piping Systems. $1.50
Code for Pressure Piping
B31.1—1955 (1964 Addendum). Code for Pressure Piping. $4.00
B31.1.0—1967. Power Piping. $4.00
B31.3—1966. Petroleum Refinery Piping. $5.00
B31.4—1966. Liquid Petroleum Transportation Piping Systems. $4.00
B31.5—1966. Refrigeration Piping. $4.00
B31.8—1967. Gas Transmission and Distribution Piping Systems. $5.00

Pipe Flanges and Fittings

B16.1—1967. Cast Iron Pipe Flanges & Flanged Fittings, 25, 125, 250 and 800 Lb. $3.00
B16.3—1963. Malleable-Iron Screwed Fittings, 150 and 300 Lb. $2.00
B16.4—1963. C I. Screwed Fittings, 125 and 250 Lb. $2.00
B16.5—1961. Steel Pipe Flanges and Flanged Fittings (150, 300, 400, 600, 900, 1500 and 2500 Lb) With Applicable Requirements Relative to Flanged End and Butt-Welding End Valves. $4.00
B16.9—1964. Steel Butt-Welding Fittings. $2.00
B16.10—1957. Face-to-Face and End-to-End Dimensions of Ferrous Valves. $2.00
B16.11—1966. Forged Steel Fitting, Socket Welding and Threaded. $2.00
B16.12—1965. C I. Screwed Drainage Fittings. $2.00
B16.14—1965. Ferrous Plugs, Bushings, and Locknuts and Pipe Threads. $1.50
B16.15—1964. Cast-Bronze Screwed Fittings, 125 and 250 Lb. $2.00
B16.18—1963. Cast-Bronze Solder-Joint Pressure Fittings. $2.00
B16.20—1963. Ring-Joint Gaskets and Grooves for Steel Pipe Flanges. $1.50
B16.21—1962. Nonmetallic Gaskets for Pipe Flanges. $1.50
B16.22—1963. Wrought-Copper and Wrought-Bronze Solder-Joint Fittings. $1.50
B16.23—1960. Cast-Bronze Solder-Joint Drainage Fittings. $2.50
B16.24—1962. Bronze Flanges and Flanged Fittings, 150 and 300 Lb. $1.50
B16.25—1964. Buttwelding Ends. $1.50
B16.26—1967. Cast Bronze Fittings for Flared Copper Tubes. $1.50
B16.27—1962. Plastic Insert Fittings for Flexible Polyethylene Pipe. $1.50
B16.28—1964. Wrought Steel Buttwelding Short Radius Elbows and Returns. $1.50
B16.29—1966. Wrought Copper and Wrought Copper Alloy Solder — Joint Drainage Fitting. $2.00

Pipe and Pipe Threads

B2.1—1960. Pipe Threads (Except Dryseal). $3.50
B2.2—1960. Dryseal Pipe Threads. $4.00
B2.4—1966. Hose Coupling Screw Threads. $2.25
B26—1925 (Reaffirmed 1953). Fire-Hose Coupling Screw Thread. $1.50
B36.10—1959. Wrought-Steel and Wrought-Iron Pipe. $2.00
B36.19—1965. Stainless Steel Pipe. $1.50

Plumbing

A40.1—1935. Cast Iron Soil Pipe and Fittings. $2.00
A40.4 and 6—1943. Air Gap and Back Flow Preventers in Plumbing Systems. $2.00
A40.5—1943. Threaded Cast Iron Pipe for Drainage, Vent and Waste Services. $1.50
A40.8—1955. National Plumbing Code. $4.50

Fasteners and Washers

B5.20—1958. Machine Pins. $1.50
B18.1—1965. Small Solid Rivets. $2.50
B18.2.1—1965. Square and Hex Bolts & Screws. $3.00
B18.2.2—1965. Square and Hex Nuts. $3.00
B18.3—1961. Socket Cap, Shoulder and Set Screws. $3.00
B18.4—1960. Large Rivets. $2.00
B18.5—1952 (Reaffirmed 1959). Round Head Bolts. $2.00
B18.6.1—1961. Slotted and Recessed Head Wood Screws. $2.00
B18.6.2—1956. Hexagon and Slotted Head Cap Screws, Square Head Set Screws, and Slotted Headless Set Screws. $2.00
B18.6.3—1962. Slotted and Recessed Head Machine Screws and Machine Screw Nuts. $4.00
B18.6.4—1966. Slotted and Recessed Head Tapping Screws and Metallic Drive Screws. $4.50
B18.7—1966. General Purpose Semi-Tubular Rivets, Full Tubular Rivets, Split Rivets and Rivet Caps. $2.00
B18.8—1950 (Reaffirmed 1958). High-Strength, High-Temperature Internal Wrenching Bolts. $1.50
B18.9—1958. Plow Bolts. $2.00
B18.10—1963. Track Bolts and Nuts. $2.00

B18.11—1961. Miniature Screws. $2.00
B18.12—1962. Glossary of Terms for Mechanical Fasteners. $4.00
B18.13—1965. Screw and Washer Assemblies. $2.50
B27.1—1965. Lock Washers. $2.50
B27.2—1965. Plain Washers. $2.00
B27.4—1967. Beveled Washers. $1.50

Screw Threads

B1.1—1960. Unified Screw Threads. $5.00
B1.2—1966. Gages and Gaging for Unified Screw Threads. $5.00
B1.7—1965. Nomenclature, Definitions, and Letter Symbols for Screw Threads. $2.25
B1.9—1953. Buttress Screw Threads. $1.50
B1.10—1958. Unified Miniature Screw Threads. $1.50
B1.11—1958. Microscope Objective Thread. $1.50
B1.12—1963. Class 5 Interference—Fit Thread. $1.50

Cutting Tools and Machine Tool Elements

B5.1—1949. T-Slots, Their Bolts, Nuts, Tongues, and Cutters. $1.50
B5.3—1960. Milling Cutters. $3.00
B5.4—1959. Taps—Cut and Ground Threads. $2.50
B5.5—1959. Rotating Air Cylinders and Adapters. $1.00
B5.6—1962. Jig Bushings. $3.00
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B5.8—1954 (Reaffirmed 1959). Chucks and Chuck Jaws. $2.00
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B5.10—1963. Machine Tapers. $3.00
B5.11—1965. Spindle Noses and Adjustable Adapters for Multiple Spindle Drilling Heads. $1.50
B5.15—1960. Involute Splines, Serrations and Inspection. $5.00
B5.16—1952. Accuracy of Engine and Tool Room Lathes. $1.50
B5.17—1958. Markings for Identifying Grinding Wheels and Other Bonded Abrasives. $1.50
B5.18—1960. Spindle Noses and Arbors for Milling Machines. $1.50
B5.19—1946 (Reaffirmed 1953). Life Tests of Single-Point Tools. $1.50
B5.23—1958. Inserted Blade Milling Cutter Bodies. $1.50
B5.25—1950. Punch and Die Sets for Two-Post Punch-Press Tools. $1.50
B5.27—1959. Drill Drivers. $1.50
B5.28—1958. Mounting Dimensions of Lubricating and Coolant Pumps for Machine Tools. $1.50
B5.29—1959. High Speed Steel and Cast Nonferrous Single Point Tools and Tool Holders. $1.50
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B5.35—1957. Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels. $1.50
B5.38—1958. Driving and Spingle Ends for Portable Air and Electric Tools. $1.50
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B5.40—1962. Spindle Noses and Tool Shanks for Horizontal Boring Machines. $2.50
B94.1—1964. Blanks and Semi-Finished Blanks for Solid Carbide Taps. $1.50
B94.2—1964. Reamers. $3.00
B94.3—1965. Straight Cut-Off Blades for Lathes and Screw Machines. $1.50
B94.4—1965. Identification System for Throw Away Inserts for Cutting Tools. $1.50
B94.5—1966. Carbide Blanks and Cutting Tools. $3.00
B94.6—1966. Knurlings. $2.00
B94.7—1966. Hobs. $2.50
B94.8—1967. Inserted Blade Milling Cutter Bodies. $1.50
B94.9—1967. Taps and Cut Ground Threads. $4.25
B94.11—1967. Twist Drills. $3.00

Gear Design, Dimensions, Inspection

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